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Maine Perspective

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Maine Agricultural Experiment Station Leads New England in Research

The Maine Agricultural Experiment Station at the University of Maine leads the five other New England research stations in competitive grants for research, according to a recent report.

The annual MAES 1992 report outlines the station's top research areas and reflects the gradual shift in emphasis in the last five or 10 years from traditional agricultural research to broader natural resource and environmental research in the public's interest. Research that has a direct economic development benefit to growing new industries such as aquaculture and that tackles environmental dilemmas such as waste management and water quality are also strongly reflected in the 1992 report.

"The thing that's not generally understood is that our research projects are much broader based than the general public would think," said Wallace Dunham, dean of the College of Applied Sciences and Agriculture and director of MAES. "Although agriculture is still an important constituent, we have been trying to broaden our base in recent years and even our agricultural programs are aimed at being more sensitive to the environmental concerns that the general public is trying to address today," Dunham said.

MAES research expenditures totaled \$10.5

million for the 1991-92 fiscal year, including \$2.2 million in federal appropriations from the U.S. Department of Agriculture, about \$4.5 million in state appropriations and farm and timber product sales and \$3.7 million in competitive grants and industry-sponsored research projects.

In federal competitive research grants other than from the USDA, Maine tops all New England research stations at \$618,000, leading Connecticut with \$476,000 and Vermont with \$324,000. For competitive research dollars from the USDA, Maine again leads the other states with \$380,000 in fiscal 1991-92, over second-place Connecticut at \$281,000 and third-place Vermont at \$241,000.

"It speaks well for the quality of our faculty that they are competitive nationally. And it means we can continue to have an aggressive research program even though direct appropriations from state and federal resources are shrinking and are going to continue to be tight," Dunham said.

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UM's Gateway Program Providing Opportunities, Retaining Students

Two years from now, the University of Maine graduating class is expected to include students who are proof that academic ratings and rankings can be deceiving. They will be among the 41 new students in 1991 who were unsuccessful in applying to the UM college of their choice, but got a second chance - and the opportunity to prove themselves - in the Gateway Program.

The Gateway Program is a one-year integrated curriculum designed for students with academic potential who were unsuccessful in applying for admission to a UM college. Through small classes, close faculty interaction and 26 credit hours in core liberal arts courses, the students spend two semesters strengthening academic weaknesses and preparing to enter the UM college of their choice in their second year. Students completing the Gateway Program with a grade-point average of 2.5 or better are eligible to transfer their credits and pursue baccalaureate degrees.

The Gateway Program, offered through University College's Liberal Studies Program, is for "traditional students who know what they want and didn't quite make it." And after its first

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In Perspective

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Hunt Joins UM Faculty as Libra Professor of Regional Economics

This semester the newly appointed Libra Professor of Regional Economics, Gary Hunt, joins the University of Maine faculty.

The Libra Professorship was created as a result of a generous gift to the University of Maine System from Elizabeth B. Noyce. Income from the gift is being used to support 20 professorships throughout the University of Maine System, 10 of which are assigned to the University of Maine. The Department of Economics was awarded the professorship as a result of an application that stressed the significance of regional economic analysis in understanding the economic programs of Maine and New England.

Hunt comes to the University of Maine with a distinguished record of accomplishment in the field of regional economics. He received his Ph.D. in economics from the University of Colorado at Boulder in 1984. He holds an MA in economics from Boulder and a master's in city and regional planning from the Ohio State University. Hunt served as director of the Colorado Economic Modeling Project at the University of Colorado, Boulder, has held the position of economist at the Federal Reserve Bank of Chicago, and has held faculty positions at Boulder and at East Carolina University.

Hunt has published numerous studies and articles in the field

of regional economics, including papers in such journals as the *American Economic Review*, *The Review of Economics and Statistics*, *Journal of Regional Science*, *Review of Regional Studies*, and *Journal of Urban Economics*, among others. His most recent work focuses on determinants of inter-regional migration patterns. He has paid special attention to the role of environmental amenities in influencing regional location decisions.

As Libra Professor in Regional Economics, Hunt will be teaching regional economics and other courses at both the graduate and undergraduate levels, and will be continuing his research program in the field. The Department sees Hunt's expertise as a significant addition to its master's program. Hunt's research and public service activities will complement the Department's existing efforts in the field of regional economics, placing the University of Maine at the forefront of regional economic studies in the state of Maine and defining the University of Maine as a center of regional economic studies in New England. ▲

The University of Maine wishes to thank the more than 975 employees who have contributed to the Family Phase of the Campaign for Maine, including those who wish to remain anonymous. To date, employee giving has exceeded \$978,719. The Family Phase continues through June 30, and not all employees have had opportunities to show their support. Those employees whose gifts come in after the publication of this list will be recognized in forthcoming issues.

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THE CAMPAIGN FOR MAINE



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INAUGURATION DAY UPDATE

University of Maine's President Fred Hutchinson will be inaugurated as the institution's 16th president Jan. 21. Inauguration day will be highlighted by Hutchinson's inauguration address, an academic forum and a pops concert.

All the major events are free and open to the public. Classes will be in session that day, but the President's Inaugural Committee hopes that faculty will consider allowing students to attend events occurring during class times.

Those attending Inauguration Day events with special parking passes will be directed to the designated area beside Alford Arena and Memorial Gym. Overflow parking for employees and students will be provided in the field off Rangeley Road, if weather permits. (The ground must be frozen to allow field parking.)

The Inauguration Day schedule of events is:

Inauguration and Inaugural Address
11 a.m., Jan. 21, Alford Arena.

Inauguration Day Public Buffet Luncheon
Noon, Jan. 21, Wells Commons. Admission.

"Challenges to a Global Economy"
Forum discussion with panelists Peter Morici; Sandra Batie, economic policy analyst and professor of agricultural economics, Virginia Polytechnic Institute and State University; and Lawrence Summers, chief economist and vice president of development economics, World Bank, 2:30 p.m. Jan. 21, Hutchins Concert Hall.

Reception for Forum Panelists and Audience
5 p.m., Bodwell Dining Area, Maine Center for the Arts.

Maine Pops Concert
8 p.m., Jan. 21, Memorial Gym.

Maine Perspective

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University of
Maine

U Maine Calendar

JANUARY 11-28

All events are free and open to the public unless otherwise specified. Any speaker not otherwise identified is a member of the University of Maine faculty, staff or student body. Send notices of upcoming campus events to: *Maine Perspective* Calendar, Public Affairs. Calendar of events listings MUST be type-written and should be sent AT LEAST TWO WEEKS in advance. Deadline for each issue: 9 a.m. Friday. For more information, call x3745.

11 Monday

Classes begin 8 a.m., Jan. 11.

Add/drop begins 8 a.m., Jan. 11.

"Development of a Sensory System for Robotics Applications," an oral exam by Miroslav Juric, candidate for master's in electrical engineering, 3 p.m., Jan. 11, 152 Barrows Hall.

13 Wednesday

"Motivating and Dealing with Difficult Employees," a Certificate in Management course by Kenneth Winters, principal, Atlantic Consulting Group, and president, Winters Associates, Ltd., 9 a.m.-4 p.m., Jan. 13, Wells Commons Lounge. Admission. x3361.

Man Blong Custom, part of From Cradle to Grave: Rites of Passage, the Hudson Museum film and discussion series, 12:30 p.m. and 4:30 p.m., with scholarly presentation/discussion by Jim Roscoe after second showing, Jan. 13, Bodwell Dining Area, Maine Center for the Arts. x1901.

Orono Chapter of ACSUM open meeting, 12:15 p.m., Jan. 13, 1912 Room, Union. x2681.

Orono-Old Town AAUW Meeting, 6 p.m., Jan. 13, Church of Universal Fellowship, Orono.

15 Friday

"Introduction to the Legal System," a Management Programs seminar by Martha Broderick, attorney, Broderick and Broderick, 9 a.m.-4 p.m., Jan. 15, Wells Commons Lounge. Admission. x3361.

Opening reception of "James Linehan: Paintings 1978-1993," 6-8:30 p.m., Jan. 15, Carnegie Hall. x3255.

Opening reception of "Contemporary Art from the Sepik River," featuring remarks by President Fred Hutchinson, Ambassador Nicolas Salgo and Paul Roscoe, 3:30-5:30 p.m., Hudson Museum, Maine Center for the Arts. x1901.

Add/drop ends 5 p.m., Jan. 15.

16 Saturday

"Illegal Business Activity: Criminal Law in Business," a Management Programs seminar by Wayne Doane, attorney, Cuddy & Lanham, 9 a.m.-4 p.m., Jan. 16, Woolley Room, Doris Twitchell Allen Village. Admission. x3361.

Making Cornhusk Dolls, part of the Hudson Museum's Just for Kids series, 10 a.m., Jan. 16, Maine Center for the Arts. Registration. x1901.

Vernon Jones and The Vernon Jones Singers in concert, part of Civil Rights Awareness Month, 8 p.m., Jan. 16, Hutchins Concert Hall. x1425.

17 Sunday

Film: Romero, part of Civil Rights Awareness Month, 7 p.m., Jan. 17, Hauck Auditorium. Admission. x1425.

Film: South Central, part of Civil Rights Awareness Month, 9:30 p.m., Jan. 17, Hauck Auditorium. Admission. x1425.

18 Monday

"Looking at History as if Everyone Mattered," by Gloria Steinem, women's movement leader, 8 p.m., Jan. 18, Hutchins Concert Hall. Book signing follows lecture. x1425.

19 Tuesday

"Managerial Psychology: Enhancing Your Managerial Decision Making Skills," a Certificate in Management course by David Campbell, 9 a.m.-4 p.m., Jan. 19, Woolley Room, Doris Twitchell Allen Village. Admission. x3361.

"A Tribute to Audre Lord," part of Civil Rights Awareness Month, 12:15 p.m., Jan. 19, Bangor Lounge, Union. x1425.

Multimedia Program by John Krcfalusi, creator and former producer of the "Ren and Stimpy" show, part of the Guest Lecture Series, 8 p.m., Jan. 19, Hauck Auditorium. x1733.

20 Wednesday

Inaugural event for President Bill Clinton and Vice President Al Gore, offered by University of Maine Democrats, featuring live television coverage of swearing-in ceremony and inaugural parade, 11 a.m., Jan. 20, Lown Room, Union. 942-4541.

Faculty Senate meeting, 3:15 p.m., Jan. 20, Lown Rooms, Union. x1167.

21 Thursday

Inauguration and Inaugural Address by UM President Fred Hutchinson, 11 a.m., Jan. 21, Alford Arena.

Inauguration Day Public Buffet Luncheon, noon, Jan. 21, Wells Commons. Admission.

"Challenges to a Global Economy," forum discussion with panelists Peter Morici; Sandra Batie, economic policy analyst and professor of agricultural economics, Virginia Polytechnic Institute and State University; and Lawrence Summers, chief economist and vice president of development economics, World Bank, part of Inauguration Day, 2:30 p.m. Jan. 21, Hutchins Concert Hall.

Reception for forum panelists and audience, part of Inauguration Day, 5 p.m., Bodwell Dining Area, Maine Center for the Arts.

Film: Sarafina, part of Civil Rights Awareness Month, 7 p.m. and 9:30 p.m., Jan. 21, Hauck Auditorium. Admission. x1425.

Maine Pops Concert, part of Inauguration Day, 8 p.m., Jan. 21, Memorial Gym.

22 Friday

Professional Development Day: Enhance your Knowledge of Computer Based Technology, 8:30 a.m.-noon, Jan. 22, Woolley Room, Doris Twitchell Allen Village. x2456.

23 Saturday

Music by Casselberry and DuPreé, part of Civil Rights Awareness Month, 8 p.m., Jan. 23, Hauck Auditorium. Admission. x1425.

A New Beginning for the Arts - an evening of music, theater and dance, 8 p.m., Jan. 23, Hutchins Concert Hall. x1241.

26 Tuesday

"Pornography: A Thorny Issue in Civil Rights," a panel discussion with Kathleen Caldwell, attorney and Maine Civil Liberties Union representative, Steve Craig, Eric Peterson, Lois Galgay Reckitt, member of the N.O.W. National Committee on Violence Against Women and former chair of N.O.W.'s Pornography Committee, part of the Women in the Curriculum Luncheon Series, 12:15-1:30 p.m., Jan. 26, Bangor Lounge, Union. x1228.

"Baby Boomers: Budgeting for the Future," a University of Maine Credit Union Financial Planning Seminar, 4 p.m., Jan. 26, Credit Union. 800-539-2578.

27 Wednesday

Attitude: Our Most Priceless Quality," a Management Programs seminar by Liz Ashe, training director, Affiliated Healthcare Systems, 9 a.m.-4 p.m., Jan. 27, Woolley Room, Doris Twitchell Allen Village. Admission. x3361.

28 Thursday

Two lectures: "Lead and Other Heavy Metals," by Dr. John Farquhar, and "Air Pollution with Emphasis on Indoor Air," by Dr. Paul Shaper, part of the Kids and the Environment: Toxic Hazards series by the Maine Toxicology Institute and EMMC's Department of Pediatrics and Department of Family Practice, 8-9:30 a.m., Jan. 28, Mason Auditorium, EMMC. x2301.

Ongoing Events

"The Land of the Dragon," a Theatre of the Enchanted Forest presentation, 7 p.m., Jan. 8-9, Jan. 15-16; 10:30 a.m., Jan. 9 and Jan. 16; 2 p.m., Jan. 10 and Jan. 17, Pavilion Theatre. Admission. 945-0800.

"James Linehan: Paintings 1978-1993," a University of Maine Museum of Art Exhibit, Jan. 11-Feb. 17, Carnegie and 1938 Galleries, Carnegie Hall. x3255.

"Worlds of Wonder," a Planetarium show, 2 p.m. Sundays, Jan. 17-31, Wingate Hall. Admission. x1341.

"Writing for Management Success," a Certificate in Management Course by Beverly Sauer, 6-9 p.m., Thursdays, Jan. 21-Feb. 18, Barrows Hall. Admission. x3361.

"A New Beginning for the Arts," a University of Maine Museum of Art Exhibit, Jan. 21-March 5, Maine Center for the Arts. x3255.

"James Linehan: 1978-1993, Public Work," a University of Maine Museum of Art Exhibit, through Feb. 1, Hole in the Wall Gallery, Union. x3255.

"James Linehan: 1978-1993, Prints," a University of Maine Museum of Art Exhibit, through Feb. 10, Graphics Gallery, Union. x3255.

"James Linehan: The Meaning of Travel," a University of Maine Museum of Art Exhibit, through Feb. 11, Bodwell Dining Area, Maine Center for the Arts. x3255.

"James Linehan: 1978-1993, Southern Travels," a University of Maine Museum of Art Exhibit, through Feb. 15, Hauck Gallery, Union. x3255.

"James Linehan: 1978-1993, Landscapes," a University of Maine Museum of Art Exhibit, through March 1, Peabody Lounge, Union. x3255.

"Imagination/Image Creation," a Hudson Museum exhibit of Native American dolls, through March 30.

Wilson Center open for coffee/quiet meetings, 8 a.m.-9 p.m. daily, 67 College Ave. 866-4227.

Study Abroad Resource Room, open daily 9 a.m.-noon, 2-4 p.m., 319 Maples. x2905.

Newman Center/Our Lady of Wisdom Parish Weekly Liturgy: Sunday, 9:30 a.m., 6:15 p.m., Newman Center, and 11:15 a.m., Bangor Lounge, Union; Monday-Thursday, 4:45 p.m., Newman Center. 866-2155.

Reflection and Action Group at the Wilson Center, every Sunday, 4:30-5:30 p.m., 67 College Ave. 866-4227. **Wilson Center worship and celebra-**

tion, followed by light supper, every Sunday, 5 p.m., 67 College Ave. 866-4227.

University of Maine Anthropology Club Meeting, every Monday, 7 p.m., FFA Room, Union. x1894.

Oratorio Society Choir Meeting, every Monday, 7-9 p.m., 217 Lord Hall. x1245.

Foreign Language Tables: French - Monday, Russian - Tuesday, German - Wednesday, Spanish - Thursday, all noon-1 p.m., 207 Little Hall. x2073.

International Folk Dance Club meets every Monday, 7-9 p.m., Lown Rooms, Union. x4194.

Faculty-Staff Recreational Basketball, every Tuesday and Thursday, 11:30 a.m.-1:30 p.m., Memorial Gym. All ages, men and women welcome. x3924.

Franco-American Women Group meets every second Tuesday of the month, 5 p.m., Franco-American Center, 126 College Ave. Bring dish to pass for potluck supper. x3775.

General Student Senate meets every Tuesday, 6 p.m., 100 Neville Hall. x1775.

Environmental Theatre every Tuesday, 7 p.m., 101 Neville Hall. x3300.

Yoga and meditation at the Wilson Center, every Tuesday, 7:30-8:15 a.m., 67 College Ave. 866-4227.

Sharing Circle for Healing Racism, offered by the Baha'i Club, every Wednesday, 11 a.m., 1912 Room, Union.

University of Maine Democrats meets every Wednesday, 12:15-1:30 p.m., FFA Room, Union. 942-4541.

Maine Peace Action Committee meets every Thursday, 4 p.m., 10 Maples. x3861.

"A Taste of Home," home-cooked meal prepared by local church members, Wilson Center, every Thursday, 5:30 p.m., 67 College Ave. \$1 donation. 866-4227.

Canterbury House (Episcopal) Midweek Eucharist and Discussion Period, every Thursday, 7 p.m., 2 Chapel Road. 866-3006 or 866-5694.

Muslim Prayer, every Friday, noon-2 p.m., Drummond Chapel. x2790.

International Students' Coffee Hour every Friday, 4 p.m., Bangor Lounge, Union. x2905.

Career Center

JOB SEARCH WORKSHOP SERIES

The following workshops are offered to all students at the University of Maine. To attend, call 581-1359 or stop by the Career Center, Chadbourne Hall, to sign up. If you are unable to attend, most of the workshops are available for viewing on video tape at the Career Center.

All workshops located in the Career Center, Third Floor, Chadbourne Hall.

Resume Writing Basics

Jan. 13 3:10 p.m.
Jan. 14 3:10 p.m.
Jan. 18 2:10 p.m.
Jan. 21 2:10 p.m.

Careers for Math Majors

Feb. 2 2:10 p.m.

Federal Job Search

Feb. 9 2:10 p.m.

Interview Techniques

Jan. 15 3:10 p.m.
Jan. 19 2:10 p.m.
Jan. 20 2:10 p.m.

Internships

Jan. 22 3:10 p.m.
Jan. 26 3:10 p.m.

Welcome to Reality

Feb. 16 6-8 p.m., Union

Cover Letters

Jan. 25 2:10 p.m.
Jan. 28 11 a.m.

Non-profit Jobs and Alternative Careers

Feb. 17 3:10 p.m.

Careers for English Majors

Jan. 27 3:30 p.m.

Attention Seniors and Graduate Students THE MAINE RECRUITING CONSORTIUM is looking for non-technical majors in Liberal Arts, Business and Sciences

Interviews for full-time jobs after graduation will be held Feb. 25, Holiday Inn by the Bay, Portland.

Thirty companies are participating.

To apply for interviews, contact the Career Center, Chadbourne Hall, by 4:30 p.m. Jan. 13.

INTERNATIONAL FRIENDSHIP OPPORTUNITIES

Meeting people from diverse backgrounds and learning to see the world from other perspectives is one of the unique advantages of being at the University of Maine.

Several programs available through the Office of International Programs provide opportunities for UM students and staff to make friends from more than 70 countries around the world and to share with them a better understanding of U.S.-American culture.

▼ GAB, short for Getting Acquainted Better, pairs U.S. and international students for informal conversation for at least one hour a week.

▼ The Friendship Family Program allows local families to be "American families" to international students. This is not a live-in host family program but involves sharing activities, conversation or perhaps a meal. A friendship family does not need to know another language nor are there any age, academic, or other restrictions. The only requirements are easy friendship and a genuine interest in other human beings. The friendship family merely extends a hand of American friendship, thereby offering both the family and student a possibility of a mutually rewarding relationship with the opportunity to learn from each other.

▼ Women of the World is a women's support group to welcome and assist new international women and families. The group welcomes women from all countries including the U.S. to its monthly luncheons and other activities.

▼ International Coffee Hour gives students, faculty and staff an opportunity to end their week with relaxed conversation, intercultural programs, international holiday celebrations or discussions of international topics. It is an excellent way to informally meet people from diverse backgrounds with common interests. The International Coffee Hour is 4-5 p.m. every Friday in the Bangor Lounge, Union.

Contact the Office of International Programs, 100 Winslow Hall, 581-2905, for more information.

CIVIL RIGHTS AWARENESS MONTH
JANUARY 16 - 29, 1993



© 1992 New African Visions, Inc.; Photo: Keith Hatley; From the book SONG OF MY PEOPLE

I have a dream...

Saturday, 16th

VERNON JONES
and the Vernon Jones Singers

A Gospel Music Concert
 8:00 p.m., Maine Center for the Arts
Free and Open to the Public

Sunday, 17th

Film: ROMERO

Starring Raúl Julia and Ana Alicia
 7:00 p.m., Hauck Auditorium, Memorial Union

Film: SOUTH CENTRAL

Starring Glenn Plummer & Carl Lumbly
 9:30 p.m., Hauck Auditorium, Memorial Union
 Admission Fee:
 \$1.00 with U-Maine ID,
 \$2.00 General Public

Monday, 18th

Dr. Martin Luther King, Jr. Birthday Observance

GLORIA STEINEM

Women's Rights Activist, Writer and Editor
"Looking at History as if Everyone Mattered"
 8:00 p.m., Maine Center for the Arts
Free and Open to the Public

Tuesday, 19th

A TRIBUTE TO AUDRE LORDE

Women in the Curriculum Luncheon Series
 12:15 p.m., Bangor Lounge, Memorial Union
Free and Open to the Public

Thursday, 21st

Inauguration Day, President Frederick E. Hutchinson

Film: SARAFINA

Starring: Whoopie Goldberg & Leleti Khumalo
 Hauck Auditorium, Memorial Union
 Showings at: 7:00 p.m. and 9:30 p.m.
 Admission Fee:
 \$1.00 with U-Maine ID,
 \$2.00 General Public

Saturday, 23rd

CASSELBERRY & DUPREE in
CONCERT

8:00 p.m., Hauck Auditorium, Memorial Union
 Admission Fee:
 \$4.00 with U-Maine ID,
 \$6.00 General Public

Thursday, 28th

TAJ MAHAL in CONCERT

8:00 p.m., Hauck Auditorium, Memorial Union
 Admission Fee:
 \$4.00 with U-Maine ID,
 \$6.00 General Public

Friday, 29th

"BILL COSBY LIVE at the Alford"

7:30 p.m., Harold Alford Sports Arena
 Admission Fee: \$19.50, \$22.50,
Ticket Information Call: 581-BEAR
or 1-800-756-TEAM

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 3rd floor Memorial Union, Center for Student Services, University of Maine, Orono Tel. (207) 581-1425

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Hudson Museum's New Exhibit Provides Glimpse of New Guinea's Sepik River Art

Art from Papua New Guinea's Sepik River is the focus of the Hudson Museum's newest exhibit, being curated by a University of Maine anthropologist who has spent more than a decade researching one of the peoples of the Pacific island nation.

"Contemporary Art from the Sepik River," curated by Jim Roscoe, associate professor of anthropology, opens Jan. 15. The opening reception at 3:30 p.m. will be highlighted by comments by Roscoe, UM President Fred Hutchinson, and Ambassador Nicolas M. Salgó who loaned half of his substantial collection of ethnographic artifacts from Papua New Guinea to the Hudson Museum to make the exhibit possible.

The collection, on permanent loan from the Salgó Trust for Education, includes art made by the Iatmul, Kambot and Chambri peoples of the Sepik Basin of Papua New Guinea. The large objects, from an orator's stool to shields, are mainly of painted wood, although many are overlaid with clay and shells, or decorated with raffia fibers and feathers. Unusual in its size and scope, the collection is made up of pieces made for the commercial market, yet which reflect the old traditions of the Sepik River cultures.

The 60 or so objects were among those collected by Salgó when he traveled up the Sepik River by boat in 1980. Salgó, former ambassador to Hungary and presently ambassador-at-large with the State Department, has a background in international finance and politics of Eastern Europe. In 1968, the Nicolas Salgó Professorship in Business Administration was established in his honor - a position presently held by Professor Guvenc Alpander.

The exhibit contains some of the largest artifacts to be exhibited in the Museum. Some, like a Kambot storyboard and basket hooks, are seemingly small when compared to an orator's stool and crocodile statue that stand up to 9 feet tall. All are intricately carved and detailed and strategically arranged in the Hudson's third-floor Emerick Gallery to provide a dramatic display of art typical of that which has attracted the attention of the Western world for decades.

"The people of the Sepik Basin are among the most prolific in the world in producing so-called 'Primitive Art,'" said Roscoe. "The first German explorers to the area were stunned by the art being produced. New Guinea has always produced a lot of art but the Sepik River people are surely the premier producers."

Sepik art has gained "a fame that has permeated American life," Roscoe said. Pieces can be seen on display throughout the country - and even as part of apartment decor on the set of television's *L.A. Law*. As early as 1900, museum representatives traveled the Sepik, New Guinea's largest river, in search of such artifacts. The tourist trade has been steady since the 1950s. And the native peoples have responded through the years by catering to the growing market for such artworks.

"One of the attractions of Sepik art in America has to do with the fact that we live in a machine-produced world where art is mass produced on the assembly line," Roscoe said. "Sepik art, by contrast, is manifestly human-produced - unique."

"There is an intellectual prejudice against tourist art," Roscoe said. "But being tourist art doesn't diminish its importance. Certainly, some pieces produced are schlock. On the other hand, many pieces, though ultimately aimed for sale to a dealer or



Jim Roscoe, associate professor of anthropology, is the exhibit curator of "Contemporary Art from the Sepik River," the newest exhibit at the Hudson Museum. The exhibit opens Jan. 15 with a reception highlighted by remarks by Ambassador Nicolas M. Salgó, who loaned half of his substantial collection of ethnographic artifacts from Papua New Guinea to make the exhibit possible.

tourist, clearly exhibit a remarkable aesthetic flair."

Among the artistic works is a statue of a crocodile that Roscoe cites as a "visual pun" by the carver. Using Sepik symbols, like crocodiles that are symbolic of canoes and vice versa, the artist created a crocodile-like figure complete with headgear similar to the shields used on war canoes. "Clearly the artist was having a little fun with the symbols of his culture in this piece," Roscoe said.

In catering to the tourist trade and dealers, Sepik people have sometimes created such larger pieces by exaggerating the scale of traditional pieces, Roscoe said. Nevertheless, most of the pieces are copies of ancestral forms - "representations of older days in modern times," he said. Similar pieces are still manufactured for tribal rituals today, but those rarely make it to the tourist market.

"Most art traditionally was produced in conjunction with Tambaran cults," Roscoe said. "Tambaran cults are found throughout the Sepik Basin. They are male-centered, usually having to do with politics and war. In some places, they involved headhunting, and all were involved in ornate carvings."

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MAINE CENTER FOR THE ARTS

U N I V E R S I T Y O F M A I N E

Spring Season Highlights at the Maine Center for the Arts

Department of Music Schedule for the Maine Center for the Arts

Faculty Gala

January 23, 8 p.m.

University Orchestra and Percussion Ensemble Concert

February 19, 8 p.m.

Wind-Percussion Day

February 25

20th Century Music Ensemble Concert

February 27, 8 p.m.

University Singers in Concert

March 28, 3 p.m.

Symphonic Band Concert

April 7, 8 p.m.

Carmina Burana

Performed by Oratorio Society and University Singers
April 25, 3 p.m.

Maine Masque Theatre

Cabaret Performance

by the National Theatre Workshop of the Handicapped
January 31, 2 p.m., Hauck Auditorium

Annual Dance Concert

February 12-13, 8 p.m., Hauck Auditorium

The Little Foxes by Lillian Hellman,

directed by Norman Wilkinson

February 25-27, 8 p.m., February 26 & February 28, 2 p.m.

Hauck Auditorium

An American Sampler

Maine State Touring Production

March 26-27, 8 p.m., Pavilion Theatre

Bedroom Farce

April 8-10, 8 p.m., April 9 & April 11, 2 p.m.

Hauck Auditorium

Pavilion Festival

Student-directed plays

April 15-17, 8 p.m.

Maine Center for the Arts Performances

Les Ballets Jazz de Montréal

Classical ballet and modern dance

January 30, 8 p.m.

Sophisticated Ladies

10th anniversary national tour of Broadway musical

February 3, 7 p.m.

Eliot Fisk and Paula Robison

Flute-guitar duo

February 6, 8 p.m.

Carmen

Performed by New York City Opera National Company

February 17, 8 p.m.

Big Band Salute to Glenn Miller

Starring the Modernaires with

Paula Kelly Jr., Beryl Davis and

Herb "Ink Spots" Kenny

February 28, 8 p.m.

Ballet Folclórico de México

Mexico's official folk troupe

March 2, 7 p.m.

Lynn Redgrave - Shakespeare for My Father:

The Life and Times of an Actor's Daughter

March 23, 7 p.m.

Hong Kong Ballet

Classical and contemporary works by Asian and Western

choreographers

March 24, 7 p.m.

Mahlathini and Mahotella Queens

South African pop music

April 1, 7 p.m.

Jean Redpath and Friends

Scottish music

April 10, 8 p.m.

Michael Hedges

Windham Hill guitarist

April 15, 7 p.m.

Golub-Kaplan-Carr Trio

Performing Haydn, Maw, Dvorak

April 24, 8 p.m.



Hudson Museum Exhibits

Imagination/Image Creation

Exhibit of Native American dolls

Through March 28

Contemporary Art from the Sepik River

Reception/Opening

Exhibit of art from Papua New Guinea

January 15, 3:30 p.m.

Third Annual Games Day

For children grades 1-6

February 16, 10 a.m.

Realms of Blood and Jade

Reception/Reopening

Exhibit of artifacts from Mexico and Central America

March 2, 5:30 p.m.

The Aztec Polity: A Hegemonic Empire

Lecture by William Sanders

Part of the Distinguished Lecture Series

March 3, 7 p.m.

The Fetish Carvers of Zuni

Exhibit of stone carvings of animals

April 15-July 15

Permanent Exhibits

Tribal Africa

From Native Hands

Ancient Cultures of Coastal Peru

Inuits

People of Cedar and Sea

Penobscot Images

For tickets and information, call the
Maine Center for the Arts Box Office, 581-1755.

Above photo: Hong Kong Ballet. Photos below, left to right: Les Ballets Jazz de Montréal;
Duke Ellington who wrote Sophisticated Ladies; Eliot Fisk and Paula Robison; Lynn Redgrave.





Research of Klimis-Tavantzis, Patterson in National News

Dorothy Klimis-Tavantzis, assistant professor of clinical nutrition in the School of Human Development, and Howard Patterson, professor of chemistry, are quoted in an Associated Press story that ran in the November issue of the monthly publication *Senior News*, based in Corpus Christi, Texas. The story reports preliminary findings from their research showing that a lack of manganese in one's diet may be linked to heart disease.

Dow Cited by National Geographic News Service

David Dow, executive director of the Lobster Institute, is quoted in a National Geographic News Service feature circulating in newspapers nationwide about the Maine lobster industry and efforts to open up new markets. Dow says the current prosperity is deceptive. Part of the need for expanded markets, according to a Lobster Institute study, is simple economic necessity. "The harvesters and the dealers have lost millions and millions of dollars. The lobster industry is really struggling with how to cope with these peaks and valleys," Dow says in the story.

Moen in Christianity Today

Matthew Moen, associate professor of political science, is one of the national experts quoted in the Dec. 14 issue of

Christianity Today for an election reaction story. The story notes that, "as the dust settles (following the election), it is clear that the results of the November election have not laid to rest debates about the role and effectiveness of evangelical political involvement." Indeed, according to Moen, conservative Christians "are likely to emerge from this testing period stronger politically than ever. ... It is extraordinarily shortsighted to proclaim them dead on the basis of the Nov. 3 election results," he said.

Nelson in Education Week

Lynn Nelson, assistant professor of education, interviewed with *Education Week* for a Dec. 22 story about how high school teachers in Maine and Illinois incorporated the Persian Gulf War into social studies curricula. The article was generated by a paper and presentation on the topic at a recent meeting of the College and University Faculty National Council of Social Studies. The paper was authored by Nelson, Anne Pooler, associate dean for academic services and associate professor of education, and by a faculty member at Illinois State University.

Cobb in Boston Globe

Robert Cobb, dean of the College of Education, was cited in a Dec. 6 story in the *Boston Globe* about the importance of communications in building and maintaining school-community relationships and support. "You just can't underestimate the value of developing and maintaining ongoing communications with the community," Cobb said.

Anchors in New York Times

Scott Anchors, director of Campus Living, interviewed with the *New York Times* for a Dec. 9 story about his research in personality and human behavior, and how they relate to compatibility

and success in roommate and marriage relationships.

Breece in USA Today

James Breece, associate professor of economics, interviewed with *USA Today* for a Dec. 30 story about the economic outlook for Maine and national trends. Breece's interview was part of the national newspaper's new year economic roundup.

And Locally Speaking ...

William Davis, professor of education, interviewed with WKSQ Radio, Ellsworth, about his research on students at risk of dropping out of high school.

Valerie Carter, assistant professor of sociology, interviewed with the *Bangor Daily News* for a Dec. 30 story about the potential impact of a fairly large number of minority workers moving to the area should the Department of Defense locate a major regional finance center in Bangor.

Stephen Reiling, chair and professor of agricultural and resource economics, and James McConnon, business and economics specialist, shared their research findings and interpretations with WLBZ-TV for a story about new tourism. The data shows a decline in lodging receipts and other troublesome indicators for Maine's second largest industry.

Tom Christensen, associate professor of bio-resource engineering, and his work using fish oil squeezed from pogies as a non-toxic substitute for petroleum-based hydraulic systems was featured on WVII-TV (Channel 7), WABI-TV (Channel 5), WKSQ-FM radio, the *Bangor Daily News* and in a *Portland Press Herald* editorial praising the project as a "good use of our science dollars and a wise investment for the state and its university."

Steve Bennett, graduate student, and Dr. Mark Jackson, director of Cutler Health Center, were interviewed by the *Maine Campus* for a story on the copyrighted "AIDS SmartBook," an AIDS education software program developed by UM computer scientists and healthcare experts, including Bennett, Jackson, Danny Kopec, former computer science faculty member, Carol Wood, associate professor of nursing, and others. News of the software program and a new licensing agreement between UM and a Boston publisher to market the software nationally was carried on the Associated Press news wire reaching state and New England newspapers.

Engineering honor students and faculty advisor Edmund Sheppard, professor of electrical engineering, were featured on WVII-TV (Channel 7) when they recently gave fourth-graders at Asa Adams School in Orono some fun, hands-on engineering demonstrations.

Dana Humphrey, associate professor of civil engineering, was recently interviewed for a lengthy feature story in the *Central Maine Morning Sentinel* on recycling old tires. Humphrey talked about his work using tire chips as an insulating layer beneath gravel roads, in retaining walls and as lightweight fill in paved road construction.

Terry Work, associate food scientist, was recently interviewed on Maine Public Radio about the year-long study to determine whether lobsters can be fast-frozen through a process known as cryogenic freezing and still maintain quality and shelf life. Work and Al Bushway, professor of food science, are leading the project which has received international attention.

The CUTTING EDGE

University of Maine Research on the Frontiers of Science

FISHING FOR A NEW SOURCE OF OIL

All those foul-smelling pogies may have a purpose yet, according to a University of Maine researcher who concludes that fish oil squeezed from pogies makes a non-toxic substitute for petroleum-based hydraulic systems used on fishing vessels and in seafood processing plants.

"We looked for fluids that would give the same anti-wear and lubrication proper ties but would be environmentally safe in the event of a spill," says Tom Christensen, associate professor of bio-resource and forest engineering. "Tougher environmental standards are going to cause us to look at a lot of things. This is just a small piece of it, but it's an important piece because of the environmental and food safety issues," he says.

Final laboratory test runs using the bio-degradable fish oil from cold-pressed pogies are feeding data into a computer and measuring the temperature, anti-wear and lubrication properties to see if the fish oil lives up to its promise as an alternative to petroleum-based fluid.

So far, so good, Christensen says. Using fish oil shipped in 55-gallon drums from a Virginia company, Christensen is running tests on hydraulic system components in time blocks of 150 hours around the clock. The test system runs at 3,000 pounds per square inch and uses the maximum ratings for the pump to accelerate the wear of the system and see whether the fish oil has sufficient anti-wear properties.

Fishing vessels carry as much as 300 gallons of petroleum hydraulic fluid in systems used for winches, cranes and drive units. Food processors typically use anywhere from 25-100 gallons of hydraulic fluid for systems running conveyor belts, extruders, packers, and other equipment. A burst line, a leak, or a spill is an accident waiting to happen, says Christensen, who is using food-grade fish oil already in the food chain and requiring no special environmental or food safety review.

COMING TO THE DEFENSE OF POTATO PEELS

A University of Maine food scientist, armed with a decade of research, is challenging a widely publicized Cornell University study that found some potato peels have up to four times more chemical residues than federal standards permit.

"We've been doing this kind of work for well over a decade and we've never obtained concentrations that high," says UM food scientist Rod Bushway, internationally known for his research on chemical residues in foods. The Cornell study reported levels up to 200 parts per million of a widely used sprout inhibitor, the chemical chlorpropham (CIPC), in the peels of Katahdin and Russet Burbank potatoes.

Bushway's biggest complaint with the Cornell study is the methodology. "They submerged the potatoes in a concentrated chemical solution for five minutes, let them air dry, and then packed them in bags. No one applies chemicals that way," he says.

"Our research has been done by taking bags of potatoes right off the grocery store shelves or from commercial storage bins and testing them just the way the consumer gets them, not by dipping them for five minutes in chemical concentrations higher than any of the recommended standards," Bushway says.

UM research on CIPC dating from the early 1980s to the present shows the entire tuber contains an average 6 parts per million of CIPC with ranges from zero detectable amounts to 10 to 15 parts per million. Peels analyzed separately ranged from zero detectable amounts of CIPC to 87 parts per million. Most peels on commercial tubers contained the chemical in amounts below 27 parts per million, Bushway notes.

Compiled by Anne Degan,
science news writer

Look Who's On Campus



Vernon Jones and the Vernon Jones Gospel Singers will appear Jan. 16 as part of Civil Rights Awareness Month. Winners of a "Group of the Year" award at the Gospel Academy Awards in 1986, they have two critically acclaimed albums.



Gloria Steinem, internationally renowned women's rights activist, writer and editor, will speak Jan. 18 as part of Civil Rights Awareness Month on: "Looking at History as if Everyone Mattered." Steinem will sign copies of her latest book following her Monday night lecture. Steinem is an editorial consultant and writer for *Ms.* magazine, the national feminist

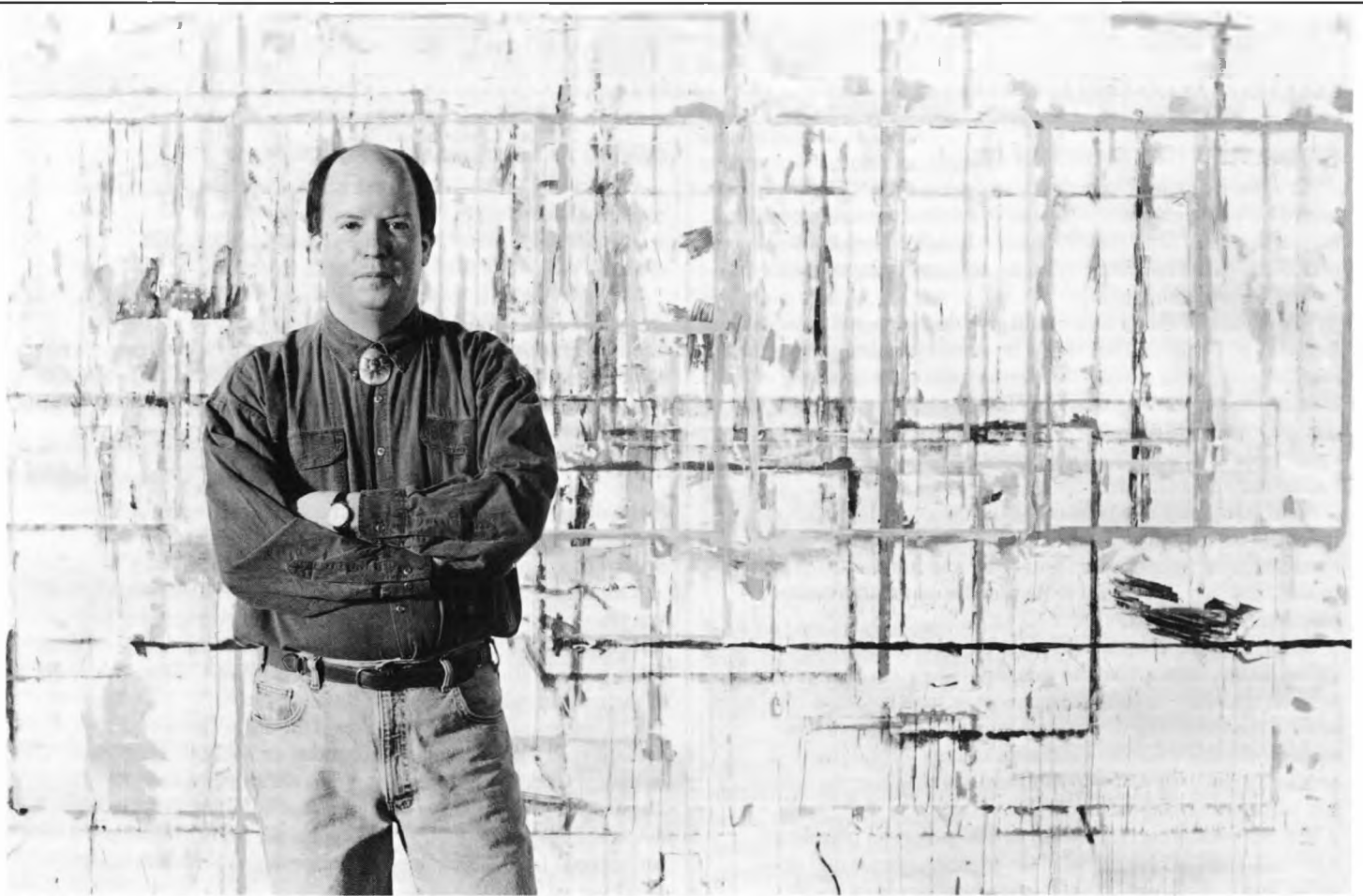
bimonthly she co-founded in 1972. Her most recent book, *Revolution from Within: The Book of Self-Esteem* was published last year. She helped found, and continues to work with, the Ms. Foundation for Women, the National Women's Political Caucus, Voters for Choice, the Women's Action Alliance, and the Coalition of Labor Union Women.

John Kricfalusi, creator and former producer of the *Ren and Stimpy* cartoon show, will present a multimedia program Jan. 19. Kricfalusi will demonstrate how he drew *Ren and Stimpy*, the cartoon that has gained a national following among viewers of cable TV's *Nickelodean*. Kricfalusi attributes the success of "Ren and Stimpy" to his drawing style, which he describes as a return to the style of animation popularized by Walt Disney in the 1940s and '50s, and to the cartoon's scripts.



Judith Casselberry and Jaqué DuPreé will present their reggae-based style that blends American, African and Caribbean folk, gospel, jazz and soul influences in a concert Jan. 23. The female duo has been working together for more than two

decades. The blend of Casselberry's baritone/alto with DuPreé's contralto/soprano, coupled with their musical style, makes for "some of the most political and innovative music being made today," according to the critics. Their concert will be part of Civil Rights Awareness Month.



Art and Life

Fifteen Years With James Linehan

In describing the complexity and contradiction that is the art of James Linehan, Boston critic Miles Unger compared the paintings of the noted Maine artist to the writing of James Joyce "where past, present and future merge in a single stream of consciousness."

"(Linehan's) peripatetic paintings remind one of the tale of Ulysses, whose mythic travels were the inspiration for Joyce's metaphorical journeys through the landscape of the mind," said Unger, an editor of *Art New England*. "If life is a journey, Linehan seems to be saying, the artist's role is to record its itinerary, and from early collages like the 1983 series 'Southern Travels' through the more recent paintings featuring the rocky soil of Maine, his works faithfully record the ever changing panorama."

It has been a decade and a half since Linehan left graduate school and embarked on life's journey as an artist. His canvas became his travel log,

recording not only the evolution of his art but the milestones of his life, including marriage and fatherhood. Sights and sounds of the world around him were transformed "into beautifully conceived meditations on life, work and the nature of representation itself," and memories and images coalesced "in unpredictable configurations."

Indeed, the past, present and future intersect in much of Linehan's work. And now, in an expansive exhibit of his art, Linehan's life's work of the last 15 years will merge in a single stream of consciousness.

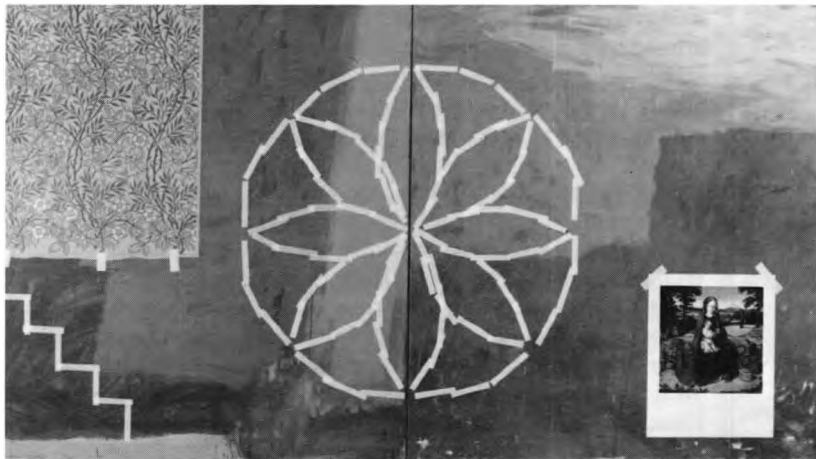
Jan. 15 marks the opening of an art exhibit with a breadth and scope unparalleled in recent University of Maine history. An estimated 125 paintings, drawings and prints ranging in size from 7-by-20-feet to 4-by-5-inches and representing the last 15 years of Linehan's life will be displayed in UM's seven art galleries across campus. And while each exhibit can be viewed

independent of the others, the works taken together reveal an intriguing glimpse into "James Linehan: Paintings 1978-1993."

The monumental exhibit comes at a time when the forces in Linehan's life are seemingly in sync. It also designates a crossroads. This year marks a decade that Linehan has been a member of the UM Department of Art faculty. Last year he was promoted to full professor. Jan. 22, he will celebrate his 40th birthday, a week after the opening of "James Linehan: Paintings 1978-1993."

The last year and a half has been very busy for Linehan, with two solo shows in Japan and one here in Maine (at Frick Gallery, Belfast). In addition, he completed two public commissions and has shown regularly with Levinson Kane Gallery in Boston.

"A combination of things made me see this as a good time to look at what I do, to clean house a bit. It was time for taking



Opening reception of "James Linehan: Paintings 1978-1993," 6-8:30 p.m., Jan. 15, Carnegie Hall.

Shows:

"James Linehan: Paintings 1978-1993," Jan. 11-Feb. 17, Carnegie and 1938 Galleries, Carnegie Hall.

"James Linehan: 1978-1993, Public Work," through Feb. 1, Hole in the Wall Gallery, Union.

"James Linehan: 1978-1993, Prints," through Feb. 10, Graphics Gallery, Union.

"James Linehan: The Meaning of Travel," through Feb. 11, Bodwell Dining Area, Maine Center for the Arts.

"James Linehan: 1978-1993, Southern Travels," through Feb. 15, Hauck Gallery, Union.

"James Linehan: 1978-1993, Landscapes," through March 1, Peabody Lounge, Union.



Photo left: James Linehan in front of his studio wall.
The Rest on the Flight Into Egypt, (1991) acrylic/canvas, 44"x72" (above)
Eye Has Not Seen (1992) oil/canvas, 18"x36" (bottom left)
Verdant Urge (1992) oil/canvas, 18"x36" (bottom right)
Photos by Michael York

stock," Linehan said. "My approach to painting is very eclectic. I use close realism and gestural abstraction, sometimes in the same painting. I feel I need to consolidate what I do and not be quite so diverse. I conceived the show as a way for me to look at all I have done in 15 years, and then work out of where I am. I hope it works that way."

The show includes the debut of one large-scale piece and 15 new works done last year. There are also a number of works that have been shown on campus in the 10 years Linehan has been a member of the University community, "but this is quite different to see them together and see the continuity," he said. "When Charles (Shepard, director of the University of Maine Museum of Art) and I were conceptualizing the show, it became clear that this would be educational to see a lot of work by one artist and how ideas manifest in different media, how ideas change and grow over a period of 15 years."

"One of the great things about getting these pieces together was going through 15 years of work," Linehan said. "The bulk of my work that was done and sold has been public commissions. Until three years ago I was not very active in selling through galleries."

The heart of "James Linehan: 1978-1993" is found in the two galleries of the

Museum of Art in Carnegie Hall. In the Carnegie exhibits, audiences will best see what Linehan describes as his "move from abstraction to realism and in between."

"I hope when people come to the opening and look at the two Carnegie galleries, they will then make the trek to the other five galleries. We've set up the downstairs in Carnegie with work I've done in the last year, while the upstairs of Carnegie will be 'golden oldies' - some works that have been in shows in the state and other places including award winners. It is a survey of my work - my favorites."

Linehan works in suites or "in bunches of things," as he describes them. He may paint 12 to 20 pieces, but marks two or three within the suite for himself. Many of those selected works are found in the Carnegie Gallery.

The exhibits in the Carnegie Hall galleries, like the other five, can "stand on their own," with text juxtaposed to artwork to develop a theme. "Many of the pieces in that context will look different, but the thread between them all will be obvious," Linehan said.

"The one thing I noticed in pulling the show together, and the thing that I was very happy to find, is that I'm getting to be a better painter," Linehan said. "The biggest difference between the new and

old is that I use more close realism. I look at the close realism from five years ago to today and see that I can do it much better now. Five years from now, with any luck, I will say the same thing."

The exhibit in the Bodwell Dining Area of the Maine Center for the Arts, "James Linehan: The Meaning of Travel," not only brings together much of the artist's reflections on the places he's been and the images that remain in the mind's eye, but the display ties in to UM's Inaugural Semester with its global theme. The series of paintings includes works completed during his journeys to such corners of the world as Japan and New Zealand.

Linehan's "Southern Travels" are detailed in several sets of drawings completed between 1978-83 during the time Linehan lived in North Carolina. Found in the Hauck Gallery, "Southern Travels" is one of four exhibits in the Union. The Peabody Lounge contains a set of landscape paintings created between 1984-85. The Graphics Gallery is just that - an exhibit of prints including a set of 13 prints done in New Mexico in 1980, which has never been shown together before.

"Public Work" in the Hole in the Wall Gallery in the Union reflects the incredible scope and stature of Linehan's works. In the last seven years, Linehan has been

continued on page 12

James Linehan *continued from page 11*

commissioned to create 10 public murals in the state; in his career he has bid on 22 or 23 such jobs. In each proposal process, Linehan created detailed paintings - scaled down versions of the murals. It is eight of these proposal paintings, never before exhibited, that will be on display in the Hole in the Wall. Five of the paintings were "successful bids" and will be accompanied by photographs of completed murals. The exhibit will be complete with text explaining participation in the Percent for Art Project and the role of public murals.

Linehan's best known mural is, of course, *Matter and Spirit*, the 1988 painting honoring the *Maine Stein Song*, which is permanently displayed in the Bodwell Dining Area of the Maine Center for the Arts.

"One of the things that is obvious is my technique jumps all over the place," Linehan said. "I work in a watercolor, gouache, acrylic, oil, etching and lithography, so there's not a common thread by the media. The thread is in the themes I explore. Almost everything is autobiographical and personal. The landscapes are places I've been and loved. I never paint a place I don't like. Often these are very significant places. My recent paintings have been almost entirely about fertility, sexuality, family. In a way I like to think of them as sensual, and they are personal, but they're also universal.

"All of the paintings' titles have to do with love and passion and desire, happiness and fulfillment," he said. "I feel very lucky now in this stage of my life with three great kids and a successful marriage. The large wall drawing, *Home Dada*, is the story of how much I love the kids and the crazy quality of parenthood. And there's a new piece for this show called *Small Talk* that's about my three kids."

In much of his work, Linehan dares to use his personal life as a springboard for much of his inspiration, affording audiences a close and moving view of an artist that few others have the courage to provide. But just as his work is full of visual paradoxes, so too is it a mistake to assume that one must have intimate knowledge of Linehan and his family to understand his work. To the contrary - and to his credit, Linehan has the ability to draw larger meaning from these personal images.

"I try to be straightforward and honest and that's why the works are so personal. But being so direct means it should be easier for others to access the works for their own," Linehan said. "There are no secrets, no secret keys to open Pandora's box of ideas. All it takes is plugging in one's own interpretations."

In a review of "The Home Show" at the Levinson Kane Gallery in which Linehan was one of three artists with works on display, a *Boston Globe* writer noted that *Home Dada* features "solidly painted trompe l'oeil images of domesticity - a photograph of the artist's two young daughters, a childlike house, etc. Childishly scrawled text celebrates and questions the joys and banalities of fatherhood." Yet *Home Dada* was described by the writer as "an affecting exploration of the male artist's navigation through midlife crisis - the conflict between art and life, the connection to past and succeeding generations, and the final acceptance of self contained in the line: 'There is no gravity without a center.'"

"I was reaching two types of audiences in Boston," Linehan said. "Women and men, parents presumably, actually cried reading the narrative about children. We are all weak and sentimental fools when we have small children. Others, too jaded to trust the artist's sincerity, reacted differently. One person asked: 'Is this a joke or something?' As the Gallery owner noted, such a reaction is a sad commentary when someone wants to be honest about how much he or she loves his or her children and someone else wonders if it's a joke."

Trying to make art reflect themes that could be "dreadfully sentimental and horribly bourgeois" is what Linehan likes to do. "The gist of the reaction to some of my work has been that I am flying in the face of much of the nihilism seen in current art," he said. "So much of contemporary art reflects the terrible world around us. I enjoy making art about things that are wonderful.

"Besides," said Linehan with a smile, "making art about my own life has always been like going to a shrink. That's one reason I've never needed one. I spill my guts in a quiet way (in my art)."

Most recently, Linehan has been working on a series of 18 inch-square paintings which are shown in twos and threes. A bowl of fruit, a landscape, or a wallpaper pattern (like the William Morris pattern *Sweet Briar* from the parlor of Linehan's Bangor home) are painted and then juxtaposed with each other. "In this way of working I'm literally painting 15 small paintings separately and then I decide what combination to put them in. With the panels together, I decide what to call the finished work. I assign a title based on the meaning suggested by the association of the different images, such as *The Space Between* or *Verdant Urge*." *Family Tie*, for example, includes a Downeast landscape, with his mother-in-law's childhood home in it, and a panel of Victorian wallpaper. The meaning of the finished work is a result of the gestalt of the combination of two or three unlike parts.

"I'm an eclectic painter who works with a wide variety of modes of expression and tries to combine them uncomfortably," Linehan said. "*Merging Concerns* (the title of an exhibit this summer in the Frick Gallery, Belfast, and the title of the major work in the show) pretty much explains what my paintings are all about. I like the collision of abstract and realist imagery, and the way meaning arises from the space between these battling modes of expression." ▲

Experiment Station *continued from page 1*

MAES receives competitive funding from some 168 different sources, Dunham said, which include everything from federal and state agencies to private industry and commodity groups.

The annual report analyzes results from a recent survey of research faculty who noted that more than 2,500 hours of their time went to public service, consulting and advice to Maine business and industry to directly impact state economic development.

"Station scientists have given Maine such things as new potato varieties, new techniques in aquaculture, more environmentally sound methods of agricultural production, an even greater understanding of the interactions between wildlife and humanity's impact on habitat, new markets for Maine goods, and the excitement over new food products made from precious resources that, up until now, have been thrown away," he said.

The 1992 allocation for research expenditures breaks down with timber and forest products accounting for the largest portion at 25.3 percent of the total. Potato research followed closely at 19.2 percent, and wildlife and marine life represented 13.6 percent. Dairy and forage research was 12 percent of all research expenditures, and blueberry and apple research accounted for 5.6 percent and 5.1 percent respectively.

Research priorities are an evolving process at MAES, which will add forestry to its name next year as the College of Applied Sciences and Agriculture merges with the College of Forest Resources to become the College of Natural Resources, Forestry and Agriculture. Questionnaires will be mailed to outside constituents to get input on what direction the station should be moving. ▲

Gateway Program *continued from page 1*

year, the Program and its students have generated some interesting academic statistics of their own:

▼ Thirty-seven of the 41 Gateway students completed the one-year program.

▼ Twenty-six (70 percent) of the 37 students completing the Program transferred into four-year programs this past fall - nearly three times the number of Liberal Studies students who typically transfer to four-year programs. Their average GPAs were 2.77 in fall '91 and 2.97 in spring '92, for a cumulative of 2.88.

▼ Eleven of the students (30 percent) remained in the Liberal Studies Program this past fall because their GPAs were below 2.5.

▼ The average GPAs for the 37 matriculated Gateway students (26 who transferred and 11 who remained in Liberal Studies) were 2.44, 2.64 and 2.63 respectively in fall '91, spring '92 and cumulatively.

▼ All but four of the first-year Gateway students were from Maine; of the 66 Gateway students this year, one is an out-of-state student.

Indeed, Gateway is providing interesting statistics in retention of first-year students - a goal of the Program's creator, former UM Interim President and Vice President for Academic Affairs John Hitt. And while the Program is experimental and part of a longitudinal study, Gateway has already proved to be "a model the University needs to look at," according to Richard Paré, Gateway Program coordinator and associate professor of psychology.

"The success of the Program can be attributed to the one-on-one contact between faculty and students to ensure students understand their lessons. These are courses that we teach to Liberal Studies students and other students, but it is the smallness of the classes that allows for individual attention that is making this work. And it also has to do with the fact that every other week, the faculty meet to discuss each student," Paré said. "If a student is falling behind or cutting classes, we talk about it. As coordinator, I contact students and literally go knocking on their doors.

"It has to do with showing interest, and that may mean just a phone call. It may mean calling them by their first names. But that interest makes students feel that people do care about them. It's a humanitarian thing."

Gateway students have no course choice, taking classes in a Liberal Studies core curriculum approved by the deans of all the UM colleges. The integrated curriculum is structured around a common theme - human civilization and the earth, complete with inclusion of this year's class book, *Hen's Teeth and Horse's Toes* by Steven Gould.

Classes are small in comparison to lecture hall-style introductory courses (i.e. 22 students in English, 33 in psychology), providing opportunities for individual attention by faculty. Students also come to know each other, attending many classes together. A one-semester Gateway orientation course not only introduces students to the many resources on campus, but to contact people within units like Student Health Services and the Counseling Center.

Above all, the Program hinges on the commitment of faculty who volunteer to add Gateway classes as part of their teaching loads, and the Gateway students, many of whom are traditional students ages 18-19 years old representing a variety of majors.

"One of the common elements among these students is their high motivation," Paré said. "They are ready to show the world that they are good and can be successful. In high school, they



Richard Paré, Gateway Program coordinator and associate professor of psychology, meets with two Gateway students in the Program's main office, 110 Chadbourne Hall. Photo by Monty Rand

were average Joes and Janes, not excelling or failing. They may have not taken high school seriously, but now they know life is serious.

"In the Gateway courses, their participation and papers are excellent, as is their competitiveness in classes. These students do have a place. We have an obligation to give every student the chance at college. If they mess up, it's their choice. But to deny access because of one's high school background is not fair to students.

"These students are in the gate, and they either make it out or they don't."

During their year in Gateway, students come to know the University and themselves, all in preparation for their second year of post-secondary education. "We tell them things are going to change after the first year," Paré said. "We also tell them they can do anything they want to do. Through orientation, they find out the kind of learners they are and pick up tips about their unique selves. They learn how to cope with leaving home and they learn stress management techniques that they can carry on.

"Is it hand-holding? It may be, but if that's what it takes in today's world to attract and retain these students, so be it," Paré said.

Paré will be conducting a longitudinal study of the Gateway Program, looking specifically at such elements as the factors of success, retention rates and the optimum capacity of such a program. His research will be tracking the success rate of the first Gateway class, comparing such factors as their SAT scores, ranking in high school and GPAs after Gateway, as well as statistics on this year's Gateway class, which is one-third larger.

"We will analyze as we go along," Paré said. "I think everything is an experiment, but thus far the Program has proven itself, especially in retention.

"It's so nice to see those students from the first class around campus now," he said. "And so I expect to see them at commencement two years from now? Definitely. Because of the motivation I saw from them in their classes, they will be there. And I will be proud to walk along beside them." ▲

All members of the University community are encouraged to send notices of professional accomplishments for inclusion in Maine Perspective.

Sepik River Exhibit *continued from page 6*

Many of the traditional carvings were done for the spirit houses - architectural wonders in which support posts sometimes rested on a human head, Roscoe said. It was in such a Tambaran house that an orator's stool similar to the one in the Hudson exhibit would have prominence. For many of the people along the Sepik, prestige is determined by one's debating skill in the spirit house. As orators pace, they strike the seat of the stool for emphasis.

While debating determines prestige among men in some parts of the Sepik, eminence is determined in other tribes by "exchange rituals." For the Abelam, a man's prestige is determined by the size and number of long yams he gives to another man or "exchange partner" - yams that grow up to 12 feet long. For the Yangoru Boiken, prestige comes through "pig exchange" - how many swine one man can give to his exchange partner.

While many of the traditions of Papua New Guinea's people are alive despite the influx of tourists, Australian "pacification" attempts after World War I and missionaries, the self-governing nation today reflects modern influences.

"People have the idea that this is still the land of the Stone Age where they are likely to get eaten," Roscoe said. "The media has played that up but it is no longer true. The major towns are complete with the trappings of modern life, right down to the Western-style clothing. In some senses, though, it is still very traditional, as in the widely held belief in sorcery."

The changes that have come to Papua New Guinea in recent decades have been dramatic and unpredictable to Roscoe, who began his research in Papua New Guinea in 1979 while working on his dissertation at the University of Rochester. Initially he spent more than two years doing fieldwork with the Yangoru Boiken living 1,000 feet above the Sepik Basin plain. Since then, Roscoe returned for four months in 1987; in August 1991, he returned to spend two months in Yangoru and to visit villages along the Sepik to gather additional information about the provenance and significance of the pieces loaned by Salgó for the exhibit.

"Over the 10 years I saw things change dramatically," Roscoe said. "In 1982 I had written an article on alcohol use among the Yangoru Boiken in the context of its widespread use in Papua New Guinea. I noted then that I thought it would be highly unlikely to become prolific. But then I returned and found widespread drinking. Four years later, consumption had vanished, replaced by a significant rise in crime."

While small factions of the younger generation are turning to petty crime, a substitute for the outdated tribal warfare and "inspired by what they perceive to be desirable Western materialistic lifestyles," Papua New Guinea remains "a beautiful country in which 96 percent of the people are delightful," Roscoe said.

"The Sepik is another universe with wildlife teeming along the shore and, by late afternoon, massive towering clouds above," he said. "The river is 1,000 kilometers long, and several hundred yards across in its middle reaches where the sea receded years ago to leave a massive plain with the river snaking across its floor. It is extraordinarily hot (being just south of the equator). Twenty miles to the north through waist-high grasses, the foothills of the coastal mountains provide staggering views across the plains. To the south are the sago swamps and beyond them the central highlands with mountains topped with snow and morning mists rising off jagged ridges. Then there's Wewak, with its half-moon beaches and spectacular coral reefs."

"It's such a varied island, staggeringly beautiful in many parts." ▲

FACULTY RESEARCH FUND AWARDS

The Faculty Research Funds Committee is pleased to announce the recipients of the Regular Faculty Research Fund Awards:

Richard Blanke, History, "Polish-Speaking Germans: The Problem of National Consciousness in Masuria (East Prussia) Since 1871."

Stephen Butterfield and **Robert Lehnhard**, Education, "Balance Development by Deaf Children: A Perceptual/Ecological Approach."

Josephine Donovan, English, "Women and the Rise of the Novel."

Robert Gundersen, Biochemistry, Microbiology, & Molecular Biology, "Identification of the Serine Phosphorylation Sites on Ga2 of *Dictyostelium*."

T. Mark Hill, Animal, Veterinary & Aquatic Sciences, "Effect of Type of Supplemental Nutrient on Forage Utilization by Ruminants."

Kristin Sobolik, Anthropology, "Archaeology and Paleoenvironment of Big Bend National Park: A Preliminary Study."

Leslie Watling, Oceanography, "A First Investigation of the Rare Subterranean Crustacean, *Spelaeogriphus lepidops*."

Stephen Woods, Entomology, "Population Dynamics of the Hemlock Looper."

SURPLUS SALE: The University of Maine offers for sale, on an as-is, where-is basis, the following: (2) ATARI 8000 COMPUTERS, with one printer, \$75; (1) TELEVIDEO 925 TERMINAL, FREE; (1) MINOLTA EP-350 COPIER, runs well, just serviced, \$200; (1) H.P. DESKWRITER PRINTER, \$250; (1) APPLE IIE COMPUTER, 64K, mono monitor, dual drive, \$50; (1) XEROX 625 MEMORYWRITER, w/47 ribbons, \$225; (1) 2-1 MEG SIMMS 72 PIN, for IBM PS/2 computer, \$45; (2) MAC PLUS COMPUTERS, 2.5 MEG, 32 MB external drive, \$600 each; (1) CPT 8510 WORD-PROCESSOR, w/ CPT VIII rotary printer, \$100; (2) DRAFTING TABLES, Bruning, metal bases, wooden tops, 4' x 6', \$150 each; (1) HOUSTON DMP-42 PLOTTER, single pen, \$1,200; (1) TANDY DWP-220 PRINTER, \$75; (17 lots) HANGING FOLDERS, \$2 per lot of 25; (1) DISKETTE TRAY, \$5; (1) PALLET JACK, 27" x 36", 5,000 lb. capacity, \$175.

Off-campus inquiries are welcome. Items usually sell for the prices specified, however, lower offers are sometimes considered. For further information contact Ron Logan, Purchasing Department, 581-2692.

HANDS-ON WORKSHOP AND TOUR AT THE KODAK CENTER FOR CREATIVE IMAGING, CAMDEN, JAN. 12 AND/OR JAN. 13.

Eastman Kodak Company's Center for Creative Imaging in Camden is sponsoring "University Week" beginning Jan. 12. University groups have been invited to submit proposals for utilizing the Center's resources. The Harvard School of Design and the Yale Graphic Design School have taken advantage of this opportunity. The University of Maine submitted a proposal and was also invited to participate.

The University has reserved two days: Jan. 12 and Jan. 13. Thirty people each day can go for a tour and a daylong workshop.

There will be hands-on instruction on the use of the Macintosh computer with specific software; Adobe Photoshop for still image manipulation and Adobe Premier for developing Quick Time movies.

Transportation and lunch will be provided. Vehicles will be leaving the Memorial Union Circle promptly at 7:30 a.m. on both days, returning around 6:30 p.m. each evening.

Sign up for either day. Contact Mike Scott at 1-2505 to make your reservation. All costs will be covered by CIT.



Applications for Classified Employees Scholarships are ready for distribution. Call Sandi Cayford, Continuing Education Office, 122 Chadbourne Hall, 581-3142. Application deadline is Jan. 15.

Two funds have been established from Comprehensive Fee income for students and student organizations: the Non-Academic Travel Fund - \$2,000, and the Non-Academic Student Organization Activities Fund - \$3,000. The purpose of these two funds is to assist in underwriting the cost of University-related non-academic student travel and University-related non-academic student organization activities consistent with the stated purpose of the organization. Award decisions will be made based on the following criteria: 1) how individuals or proposals from organizations will aid the University of Maine; 2) what learning or benefit will be a direct result of the grant; 3) is there a commitment to share the benefits and experiences gained from this funding with other students, and how will this be accomplished; 4) are other sources of funding being used to assist with proposed expenses? Normally, awards will not exceed \$200 per individual and \$350 for groups, and the majority of awards may be for lesser amounts. Individuals and organizations will generally be ineligible for more than one week per semester. Students and/or student organizations seeking support must submit an application form, proposal, and a letter of endorsement from a

member of the faculty or professional staff. Proposal review dates will be on or around Feb. 4 and March 4. Approximately one-fourth of the funds will be committed during each review. Ordinarily no funds will be approved to reimburse expenditures that occurred prior to the award decision date. Application forms are available in the Student Activities Office, Union, x1793.

Faculty portraits and passport photos can be scheduled for the first Friday of every month between 1:30-3:30 p.m. Photos are by appointment only; cost is \$10, which includes two 2x3-inch black and white prints. For appointments or more information, call Rose, x3757.

The Presidential Public Service Achievement Award for a faculty or professional recognized for distinguished achievement public service is offered again this year. A \$1,500 award is given to the recipient. Nominations will be screened by a committee of faculty and professional staff who will recommend the three most outstanding persons to the President. Letters of nomination should be submitted to Terri Wlodarski, Office of Research and Public Service, 201C Alumni Hall by Jan. 29. Nomination Procedures and Guidelines are available at 201C Alumni Hall, 581-1502. Renominations from previous years are encouraged. The recipient will be announced at the Honors Convocation in the spring. Feel free to contact any member of the committee for further information. The Committee members are: Chair, Pam Schutz; Dan Harrison, Paul Bauschatz, Bob Strong, Deirdre Mageean, Sue Estler, Bill Halteman, George Hayes, George Criner, Chris Spruce, Mary Bowie, Chris Bates, and Nick Houtman.

In recognition of the importance of outstanding teaching to the University of Maine,

the Presidential Outstanding Teaching Award will again be presented this year at the spring Honors Convocation. The Award is presented annually to a tenured University of Maine faculty member who has demonstrated outstanding commitment to and ability in the teaching area while maintaining a commitment to scholarship and public service. The recipient will receive a medallion and a check for \$1,500. Nominees will be screened by a committee consisting primarily of faculty and students. The committee will identify the two most qualified individuals and recommend them to the President. The committee will report to the Office of Academic Affairs. The deadline for receipt of nominations is Feb. 28. Nomination forms can be obtained from the Office of Academic Affairs, 209 Alumni Hall, x1547.

Reminder: The deadline for receipt of applications for the Scientific Equipment and Book Fund Award is Feb. 16. This Award provides funds for the acquisition of equipment or library collections. The usual upper limit for this competition is \$7,000; requests for larger amounts will require exceptional justification. Approximately \$38,000 is available for this competition. The purpose of Faculty Research Funds is to stimulate and assist individual members of the faculty to initiate or redirect research or studies of a scholarly nature. Eligibility is limited to tenure-track and full-time nontenure-track faculty with an ongoing appointment for which research is an expected

component. Faculty are eligible to receive the Scientific Equipment and Book Fund Award if they have not received one in the previous two years. The Faculty Research Funds Committee includes faculty from each of the nine colleges within the University of Maine. Consequently, the proposal must be written so that it can be understood by faculty in a wide range of disciplines. The Committee urges interested faculty to request application packages early and to follow the instructions closely. Applications are available in the offices of the Deans and Department Chairs, and in the Office of Research and Sponsored Programs, 26 Coburn Hall, x1498.

The Institutional Animal Care and Use Committee (IACUC) would like to remind investigators/instructors that no research, teaching, or testing activities using live vertebrate animals shall be initiated until the IACUC has approved a protocol for such use. Dates of the IACUC meetings for the spring semester are listed below. Protocols for approval should be submitted two weeks prior to the meeting date in order to be reviewed at that meeting. Protocol review forms and copies of the University's Policy and Procedures for the Humane Care and Use of Animals are available from Gayle Anderson, Office of Research and Sponsored Programs, 26 Coburn Hall, x1498. IACUC meeting dates: Jan. 20; Feb. 17; March 24; April 28; May 19.

SPRING '93 HEALTHSPEAK LUNCHEON SERIES

The Healthspeak Luncheon Series, co-sponsored by Student Health Services and the Memorial Union, offers an opportunity to discuss contemporary health issues. Jan. 20, Dr. Penny DeRaps will present: "What Information Is Needed for 'Informed Consent' in Health Care?" 12:20-1:30 p.m., South Bangor Lounge. Other Healthspeak Luncheon dates for the spring semester are Feb. 16, March 24 and April 20. Look for a Healthspeak flyer describing each program on bulletin boards or at the Union information desk.



Timothy Weiss, assistant professor of English, presented: "A Conceptual Framework for Intercultural and International Communication," at the 108th Convention of the Modern Language Association of America in New York, Dec. 29.

Naomi Jacobs, associate professor of English, participated in a panel discussion: "The Concept of Utopia," at the conference of the Society for Utopian Studies, Baltimore, Nov. 19-22. She also chaired a session on Atwood's *The Handmaid's Tale*. Jacobs is a member of the organization's Steering Committee and is program coordinator for the 1993 meeting in St. Louis.

Malcolm Hunter, Libra Professor of Conservation Biology, Department of Wildlife, gave a talk: "Biodiversity in the Northern Forest," to a Northern Forest Lands Council meeting, Manchester, N.H., Dec. 8.

Raymond O'Connor, professor of wildlife, presented a paper: "Indirect Effects of Pesticides on Birds," at the symposium on the assessment of the non-targets effects of agrochemicals within the Brighton Crop Protection Conference on Pests and Diseases - 1992, Brighton, England, Nov. 26.

Raymond O'Connor, professor of wildlife, presented the keynote address: "The Dynamics of Biodiversity," at the Second National Ornithological Research Conference, Cork, Ireland, Nov. 28.

Peter Vickery, graduate student in wildlife, presented a paper: "Habitat Requirements and Conservation Needs of Minimally Threatened Grassland Birds," at the Massachusetts Bird Conference, Andover, Mass., Nov. 21.

Bud Blumenstock, Cooperative Extension forestry specialist, spoke to the Forestry Committee of the Threshold of Maine Resource Conservation Development District on the subject of: "Markets for Wood Products," Dec. 8, in Gray.

Bud Blumenstock, Cooperative Extension Forestry Specialist, spoke to the Downeast Resource Conservation Development District on: "Forest Cooperatives and Wood Products Marketing," Dec. 10, in Cherryfield, Maine.

Jaime Mena, doctoral student in entomology, presented a paper: "Ecological Management of Potato Cropping Systems," at the 9th International Scientific Conference of the International Federation of Organic Agriculture Movements in San Paulo, Brazil, Nov. 16-21.

Dennis Cox, professor of music, was the guest conductor of the 240-voice New York All-State Choir, Nov. 29-Dec. 2. The musical event marked the 57th Winter Conference of the New York State School Music Association and was held at the Concord Resort Hotel at Kiamesha Lake, N.Y. Over 3,000 music educators and 800 high school students participated in the conference.

Bud Blumenstock, Cooperative Extension forestry specialist, spoke to the Auburn-Lewiston Kiwanis Club Nov. 25 on: "Trees and People."



The December meeting of the Orono-Old Town branch of the American Association of University Women was held at the home of University of Maine President and Mrs. Frederick Hutchinson. The women reminisced about long-ago Christmases. Pictured left to right: Brownie Schrupf, Dorothy Clarke Wilson, hostess Dione Hutchinson, Bea Cushman, and Anne Hathaway.



Three non-traditional University of Maine students each received a \$150 Book Award from the Orono-Old Town branch of the American Association of University Women. The awards are given annually to help students with their book expenses. Pictured front row are Karla Rutherford, a secondary education mathematics major, and Linda Levesque, who is majoring in human development. In the back row are AAUW Scholarship Chair Barbara Uttomark, political science history major Cynthia Cotton, and Phyllis Borns, president of the Orono-Old Town AAUW branch.

Photos by Sylvia Leigh

During Nov. 9-13, **Hemant Pendse**, professor of chemical engineering and director, Industrial Process Control Sensors Systems Program, presented a workshop: "Electroacoustic Analysis of Colloids," at Rhone-Poulenc's Aubervilliers' Research Center in Paris, France. He also presented invited lectures at Lafarge Coppee, Lyon and Rhone-Poulenc, Paris: "Ultrasound Based Sensors for Characterization of Colloidal Slurries." His visit to France was made possible by

a travel grant from Pen Kem to Pendse.

Linda Lansing-Smith, graduate student and president, Association of Graduate Students, attended the American Council for Quebec Studies, Montreal, Nov. 19-21, where she presented a paper: "From Hear to They're: Poetics, Prosody and Politics in Michel Tremblay's *Bonjour, la, bonjour.*"

Donald Hayes, professor of psychology, gave an invited speech: "Children, Television, and Education," and participated at a convocation of mass media researchers sponsored by the Annenberg School of Communication at the University of Pennsylvania. Twenty-five researchers, including scholars from Australia, China, and Europe, were invited. The convocation was held Nov. 20-21, with its goal being to establish new directions for children's mass media research.

Michael Greenwood, Ruth Hutchins Professor of Tree Physiology, College of Forest Resources, was recently appointed to the National Genetic Resources Advisory Council (NGRAC).

Diane Harrington Roscetti, associate professor of music, performed J.S. Bach's *Suite No. 1 for Solo Cello* at Saint Paul's Church in Cambridge, Mass., Oct. 11. She was joined by Boston organist Timothy Hughes for the rest of the program. On Nov. 7, Roscetti was joined by colleagues **Anatole Wieck**, **Richard Jacobs**, **Lillian Garwood**, and **Susan Heath** for her Faculty Recital on campus. Also joining her was John Mathews, former principal bassist of the Baltimore Symphony, and Bernie

Roscetti on accordion. On Dec. 1, Roscetti was joined by colleagues and students in a chamber music recital on campus featuring 10 different groups. Roscetti and Wieck have also given numerous concerts and demonstrations for UM classes, public schools and other events in the region.

Marquita Hill, cooperating research professor of chemical engineering, was an invited participant at a U.S. EPA National Technical Forum on Source Reduction of Heavy Metals in Municipal Solid Waste, Providence, R.I., Dec. 2-3.

Constance Stubbs, assistant scientist, entomology, gave a poster: "*Megachile rotundata* comme pollinisateur de bleuets dans le Maine, E.U." at the 119th Reunion annuelle de la Société d'Entomologie du Québec, University of Québec at Chicoutimi, Oct. 15-16. Co-author was **Francis Drummond**, assistant professor of entomology.

G. William Farthing, professor of psychology, was an invited participant at the Conference on the Epistemology of Consciousness, sponsored by the Institute of Noetic Sciences, at Marconi Lodge in Marshall, Calif., Dec. 3-6.

Stellos Tavantzis, associate professor of plant pathology, was selected as associate editor of the peer-reviewed *Journal Plant Disease*,

published by the American Phytopathological Society, for the period January 1993-December 1996.



Michael Maines



Christopher Conrad



Gil Paquette

Two University of Maine students from Connecticut are co-recipients of the 1992-93 Robert I. Ashman Award presented by the UM College of Forest Resources.

Michael Maines, a senior forest management major from Mansfield, Conn., and Christopher Conrad of Chaplin, Conn., a senior with a double major in forest engineering and civil engineering, will be honored with a permanent plaque engraved with their names in the hall opposite the college Dean's Office and gifts of \$300 each at the annual awards ceremony in April.

The winners of the award, which honors the memory of the late Robert I. Ashman, professor emeritus, teacher and administrator from 1930-1958 at UM, are selected annually by the College faculty on the basis of excellent character, high moral standards and devotion to the profession of forestry as exemplified by Ashman.

Maines, who will receive a bachelor's degree in May, has attained a grade-point average of 4.0 - all A's - after six semesters at UM. In addition to the Ashman Award, he is a recipient of the Holt Woodland Foundation, UM Pulp and Paper Foundation, and W. Robert Dinneen scholarships.

Conrad has earned a grade-point average of 3.8 at UM and expects to graduate in the summer of 1993. Conrad also is a recipient of the College of Forest Resources' W. Robert Dinneen and G. Pierce & Florence Pitts Webber scholarships, and the UM Pulp and Paper Foundation's Curtis M. Hutchins and Warren B. Beckler scholarships.

Gil Paquette of Biddeford, a senior wildlife management major at the University of Maine, is the 1992-93 recipient of the Dwight B. Demeritt Award from the UM College of Forest Resources.

The award is presented annually to a senior majoring in the college's professional curriculum who, in the opinion of the faculty, is academically able, has good personality and character, and has good leadership qualities. A permanent plaque engraved with Paquette's name will be hung in the hall opposite the college Dean's Office. The recipient also is honored by the college and presented a \$300 gift.

Paquette, who received a bachelor's degree last month, has earned an accumulative grade-point average of 3.9 at UM.

In addition to the Demeritt Award, Paquette is a recipient of the Penobscot County Conservation Club and Xi Sigma Pi Summer Field Course scholarships, and the Struchtemyer and Presidential Pin awards; a member of the Xi Sigma Pi and Phi Kappa Phi scholastic honor societies; and an officer in the UM Student Chapter of the Wildlife Society. He attained the Dean's List during all semesters at UM.

The Canadian-American Center is pleased to announce two winners of the 1992 competition for the Alice R. Stewart Award. The objectives of this Award are to further the knowledge and understanding of Canada in the United States and to encourage and reward scholarly research at the University of Maine. The Award is named in honor of History Professor Emerita Stewart, who had a distinguished career at the University of Maine. The winner(s) receive an award certificate and \$100.

The graduate award goes to Matthew Hatvany (History) for "A Good Poor Man's Country: Prince Edward Island Rural Economic and Social Development in the Golden Age, 1820-1870." The undergraduate winner is Dorothy Blanchard (History) for "Doukhobors vs. the Canadian Government: Lessons in Multiculturalism."

The award committee was comprised of Prof. Stephen Hornsby, Associate Director of the Canadian-American Center, Chair, Prof. Edward (Sandy) Ives (Folklore), and Prof. Richard Judd (History).



Maine Perspective classified ads are published weekly and are free to faculty, staff and students at the University of Maine. Ads must be typewritten and include a telephone number. They will be published one week only unless otherwise specified. Send ads to: Maine Perspective Classifieds, Public Affairs. Ads must be received by 9 a.m. the Friday before they are to appear in the next week's issue.

FOR SALE

AUTOMOBILE: 1987 Plymouth Horizon, 78,000 miles, 5 speed, excellent condition, real clean. Asking \$1,000. Call after 5 p.m. 827-8011.

AUTOMOBILE: 1976 Saab EMS. Good body and engine, new shocks, brake pads, sport wheels, factory hitch. \$725. 884-7722.

BABY ITEMS: Baby crib, hand-finished pine with mattress; Graco carriage, full size but collapses to fit into your car trunk or back seat; Graco clip-on table chair, great for traveling; mesh-sided playpen, wooden potty chair. Make us an offer. We're running out of room! 581-3214 or 942-2399.

BOX SPRINGS: 2 Serta Perfect Sleeper twin-size box springs, never out of their original plastic covers. Make an offer. Will sell as a package or individually. 581-3214 or 942-2399.

LATHES: Metal, 12-inch linear, many speeds, an older model Craftsman, includes motor and stand, \$215. 32-inch linear wood lathe, older model Craftsman, includes motor and chisels, \$215. Call 884-7722.

TELEPHONE: Cordless, Bell South Model 668S. Under a year old. \$45 or best offer. 941-8699 or 581-2149.

TELEPHOTO LENS: 1:5.6 300mm telephoto lens for Pentax camera, \$50. Call 581-2692 or 947-4323.

TYPEWRITER: Electric, facit full size office electric typewriter, multicolor ribbon options. Runs great but we don't need two electric at home. Make an offer, we just might take it! 581-3214 or 942-2399.

TURKISH VAN KITTENS: Ancient breed dating to 300 A.D. White silky fur, red plumed tails. Unique personalities: very social, fun-loving, athletic. Somewhat dog-like - they like to fetch. Excellent bloodlines (TICA, CFA). \$200 +/- 866-4069.

SERVICES

TYPING: You name it, I'll type it. Reasonable rates and fast service. Call Barbara, 581-3264.

TYPING: Term papers, dissertations, resumes, correspondence, etc. Reasonable rates and prompt service. Call Charlene, 581-1490 or 862-5636 after 5 p.m.

TYPING: Theses, dissertations, technical papers, and term papers. Resumes and cover letters. Proofreading, research etc., by the hour or by the job. Two years professional experience. 581-2188 (8 a.m.-noon) or 989-3433 (after 12:30 p.m.) for appointment.

TYPING: Computer and typing work at home - word processing such as theses, resumes and letters. Pick up and delivery. Call 989-3172.

FOR RENT

APARTMENT: One-bedroom heated apartment, 254 Elm St., Bangor. Off Stillwater Avenue, convenient to Bangor Mall, on bus line. \$275 heated, lease, security deposit, no pets. Call 990-2726 days, 285-3692 evenings and weekends.

APARTMENT: Two-bedroom duplex, new hot water-baseboard heating system on two zones, new storm windows, large full bathroom, washer/dryer hookup. \$400/month unheated; \$475 heated. Located in Bangor. No pets. Good references required. Call 942-6078.

APARTMENT: Two bedroom, modern, ideal location, downtown Orono. Available January. \$500/month. Call 866-5976.

Deadline

Along the Mall,
Publications and
Campus Notes
Deadline:
9 a.m. Monday

WEIGHT WATCHERS AT WORK

The spring Open House and registration will be held noon-1 p.m., Jan. 12, 1912 Room, Union. The initial 10-week session starts Jan. 19, noon-1 p.m., 1912 Room. The \$79 fee may be payroll deducted through the Employee Health Office, or paid in full at registration. Bring a friend or family member and learn at work how to manage your weight and still enjoy life.

Publications



Jaime Mena, doctoral student in entomology: "Impact of Potato Fertilization on the Development of the Colorado Potato Beetle," *The American Potato Journal*, Vol. 69 (Sept. 1992) p. 597, with **Francis Drummond**, assistant professor, entomology, **Gregory Porter**, associate professor, plant, soil and environmental sciences, and **Randall Alford**, professor, entomology.

Raymond O'Connor, professor of wildlife: "Indirect Effects of Pesticides on Birds," *Proceedings of the Brighton Crop Protection Conference on Pests and Diseases*, (1992) pp. 1097-1104.

Pralad Yonzon, former graduate student in wildlife, and **Malcolm Hunter**, Libra Professor of Conservation Biology: "Ecological Study of the Red Panda in the Nepal-Himalaya (In Japanese)," *Zoo and Aquarium Topics from Abroad*, 2:35-38.

Eben Osgood, professor, **Richard Bradbury**, former graduate student, and **Francis Drummond**, assistant professor, Department of Entomology: "The Balsam Gall Midge - An Economic Pest of Balsam Fir Christmas Trees," *MAES Technical Bulletin 151* (August 1992).

Kristin Langellier, associate professor of speech communication, published an essay: "Performing Differences: Feminism and Performance Studies," co-authored with **Kathryn Carter** and **Darlene Hantzis**, *Transforming Visions: Feminist Critiques in Communication Studies*,

edited by S. P. Bowen and N. Wyatt (Hampton, 1992).

Stephen Hornsby, associate director of the Canadian-American Center and assistant professor of anthropology: "Patterns of Scottish Emigration to Canada, 1750-1870," *Journal of Historical Geography* 18, 4 (1992) 397-416.

S. I. Tsonev, graduate student, and **P.L. Goodfriend**, professor, Department of Chemistry: "Calculations of Binding Energies for Off-Axis Hydrogenic Impurities in Cylindrical Quantum Well Wires," *J. Phys. B: Atomic, Molecular and Optical Physics*, 25, 4685 (1992).

Catherine Garvey, Psychology Department: "Conflict Talk: Approaches to Adversative Discourse," in C. U. Shantz and W. W. Hartup (Eds.) (1992) *Conflict in Child and Adolescent Development*, Cambridge: Cambridge University Press.

Steve Sader, professor of forest resources and forest engineering, and **Chris Winne**, research associate, Maine Image Analysis Laboratory in the College of Forest Resources: "RGB-NDVI Color Composites for Visualizing Forest Change Dynamics," *International Journal of Remote Sensing*, 13(16):3055-3067 (November 1992).

Steven Cohn, professor of sociology: "Class Differences in Emotionality: Implications of Cognitive Theories," *Humboldt Journal of Social Relations*, Vol. 18(2):1-23 (1992).

Pat Dewey Dauphinais, undergraduate student in sociology, **Steven Barkan**, associate professor of sociology, and **Steven Cohn**, professor of sociology: "Predictors of Rank-and-File Feminist Activism: Evidence from the 1983 General Social Survey," *Social Problems*, Vol. 39, No. 4 (November 1992) 332-344.

Positions Available

Advertisements for job openings to appear in Maine Perspective must be submitted to the Office of Equal Opportunity, 318 Alumni Hall, no later than noon Wednesday.

Guidelines for filling professional positions, including forms for posting positions in Maine Perspective, are available by contacting the Office of Equal Opportunity, x1226. A Request to Fill Form must be approved before posting in Maine Perspective (if not already approved).

President, American University in Bulgaria, President's Office, University of Maine position. Qualifications: The American University in Bulgaria seeks an academic leader possessing an earned doctorate with significant administrative experience and a record of past accomplishment. Especially important will be the candidate's cross-cultural and international skills and experience, such as living and working abroad. Review of applications will begin Jan. 25. Start Date: July 1. For further information and to apply, send application or letter of nomination, resume and five references to: President Frederick Hutchinson, University of Maine, 5703 Alumni Hall, Orono, ME 04469-5703.

Director, Maine Center for the Arts (Cultural Affairs and Libraries). Fiscal-year position. Qualifications: Master's degree or a combination of skills and experience appropriate for the position; minimum of five years of successful experience in arts management, preferably in higher education; evidence of effective supervisory and human relations skills, creativity in contracting and promoting programs, and the ability to plan and manage budgets; demonstrated commitment to cultural diversity in programming. Review of applications will begin Jan. 11. Start Date: Feb. 15. For further information and to apply, send letter of application, vita and three letters of reference to: Chair of the Search Committee,

Administrative Offices, University of Maine, 5729 Fogler Library, Orono, ME 04469-5729.

Marketing and Promotions Manager, Maine Center for the Arts. Full-time regular position. Qualifications: B.S./B.A. in business with concentration in marketing preferred; knowledge of computers and desktop publishing required, as well as proven marketing and public relations skills. Experience with promoting and publishing academic arts programs desirable; must be familiar with newswriting style, procedures and practices. Salary Range: \$25,000-\$30,000, depending on experience. Review of applications will begin immediately and continue until a suitable candidate is found. Start Date: March 1. For further information and to apply, send a letter of application, resume, three letters of reference and a portfolio with examples of work to include, but not limited to, brochures, posters, marketing promotional strategies and copies of articles written or published to: Marketing Search, University of Maine, 5746 Maine Center for the Arts, Orono, ME 04469-5746.

Postdoctoral Research Associate, National Center for Geographic Information and Analysis. Full-time regular, one-year position, with a possibility of funding for a second year. Qualifications: Able to contribute to at least one of the active research initiatives: visualization of the quality of spatial information; spatio-temporal reasoning in GIS; user interfaces for GIS; or institutional issues in sharing of spatial information. Must have completed Ph.D. with a GIS-related emphasis. Salary Range: \$28,000-\$32,000. Preference will be given to applications received by Feb. 1. For further information and to apply, send letter of application, curriculum vita and names of three references to: David Tyler,

Associate Director, NCGIA, Room 348B, University of Maine, 5711 Boardman Hall, Orono, ME 04469-5711.

4-H Specialist, University of Maine Cooperative Extension. Full-time regular position. Qualifications: Earned doctorate required, with at least one degree in child/youth development, family studies, human development, or a closely related field; youth educational experience preferably in Extension education; demonstrated ability in leadership, teaching/training and teamwork; knowledge of youth program development and of Cooperative Extension. Salary: Minimum of \$34,000. Deadline for applications is Feb. 16. Start Date: May 1. For further information and to apply, send letter of interest, vita, transcripts and four letters of reference to: Sandra Vaillancourt, University of Maine Cooperative Extension, Room 103, 5741 Libby Hall, Orono, ME 04469-5741.

Postdoctoral Research Associate, Department of Biochemistry, Microbiology and Molecular Biology. Full-time two-year position, reappointment contingent on continued funding. Qualifications: Ph.D. in microbiology or related area required. Molecular biology experience required; experience with prokaryotic mechanisms of DNA transfer desirable. Salary: \$25,000. Review of applications began Jan. 1. Start Date: As soon as possible. For further information and to apply, send letter of application, curriculum vitae, and three letters of reference to: John Singer, Department of Biochemistry, Microbiology and Molecular Biology, University of Maine, 5735 Hitchner Hall, Orono, ME 04469-5735.

Maine Educational Talent Search Counselor, Maine Educational Talent Search. Ten-month appointment (Aug. 1-May 31), contingent on continued external funding. Qualifications: Bachelor's

degree (Master's preferred) in counseling, education, or related area; minimum of one year of employed experience working with people from disadvantaged backgrounds. Salary Range: \$16,268-\$18,058. Deadline for applications is Jan. 15. Start Date: February. For further information and to apply, send resume, letter of application, and the names and phone number of three references to: Search Committee, Maine Educational Talent Search, University of Maine, Room 316, 5713 Chadbourne Hall, Orono, ME 04469-5713.

Professor of Civil Engineering (Structures), Department of Civil Engineering. Tenure-track (subject to administrative approval) position. Qualifications: B.S. in engineering; Ph.D. in civil engineering preferred. Professional design experience highly desirable. Eligible to work in the U.S. Applications received by March 1 will be given first priority; however, search will continue until the position is filled. Start Date: Sept. 1. For further information and to apply, send application, including resume, publications list, and names of three references to: Chet Rock, Chair, Department of Civil Engineering, University of Maine, 5711 Boardman Hall, Orono, ME 04469-5711.

The University of Maine does not discriminate on the basis of race, color, religion, sex, sexual orientation, national origin or citizenship status, age, disability or veteran status, and promotes affirmative action for women, minorities, persons with disabilities and veterans. Unless otherwise specified, the jobs are full-time, and the address for application information is: The contact person listed, department, University of Maine, Orono, Maine 04469. The listings above are greatly abbreviated. In order to assess your background relative to the job and to submit the most effective application, contact the hiring department for more complete information.



Commission on National and Community Service supports projects involving students in community service activities or training teachers in service-learning concepts. Deadline: Feb. 16.

U.S. Information Agency's Office of Citizen Exchanges supports international group projects that introduce American and foreign participants to each others' social, economic, and political structures, and international interests. Deadline: Feb. 26.

Rockefeller Foundation's Warren Weaver Fellowships are one-year residencies for work contributing to one of the Foundation's philanthropic programs: the agricultural, health, or population sciences, arts and humanities, equal opportunity, school reform, the global environment, and international security. Eligible applicants have completed their academic or professional training and are in the early stages of their careers. Deadline: March 1.

American Bar Association grants up to \$1,200 for projects to enhance undergraduate education about law, the legal process, and the role of law in society. Projects that use interdisciplinary approaches, integrate legal themes into general education, enhance global or multicultural perspectives, and/or link the curriculum with campus life are encouraged. Deadline: March 15.

U.S. Department of Education, National Endowment for the Humanities, and National Science Foundation jointly fund proposals for the development of undergraduate courses and curricula that link meaningfully the study of science and the humanities. Average award: \$110,000. Deadline: March 15.

U.S. Army Corps of Engineers' Construction Productivity Advancement Research Program awards cost-shared cooperative agreements for the development and commercialization of advanced technologies, materials, and construction management systems of benefit to the construction industry. FY93 deadline: March 19.

For more information, call Research & Sponsored Programs, x1476.

PUBLIC CLUSTER SOFTWARE COURSE RESERVE

Computing and Instructional Technology (CIT) staff are pleased to install course-related software for student access in the public clusters across campus. This includes homework assignments as well as applications. Instructors must have legal copies of applications and support their course-related software.

A completed Software Course Reserve form signed by an instructor must be submitted to CIT at least 10 days in advance of when the software needs to be accessed. (CIT staff are unable to install software without this.) At the same time, legal copies of the software and accompanying installation & documentation must be submitted.

For more information or to request a Software Course Reserve form with guidelines, call CIT's administrative associate, x1638.

MICROCOMPUTER HELP CENTER

Location: 17 Shibles Hall (in the basement)

Phone: 581-2506

Hours: Consultants are on duty 8 a.m.-9 p.m., Monday-Friday

E-Mail Questions: CITHELP@MAINE

Services Provided:

Software support for popular word processing and spreadsheet software

Disk and file recovery for both Mac and DOS diskettes

Scanner and slide imager available for both DOS and Macintosh by appointment

Call x2500 for more information

NONDISCRIMINATION POLICY PUBLICATION REMINDER

As a result of U.S. Department of Education Office for Civil Rights compliance reviews of two campuses of the University of Maine System several years ago, the University's nondiscrimination and equal opportunity statement, as worded below, is required to appear in all announcements, bulletins, catalogs, and applications that are made available to students, beneficiaries, employees and applicants. While the obligation to print the statement is not new, the specific wording has been simplified by the Board of Trustees within the past year. If you have any questions, please contact the Equal Opportunity Office, x1226:

In complying with the letter and spirit of applicable laws and in pursuing its own goals of pluralism, the University of Maine shall not discriminate on the grounds of race, color, religion, sex, sexual orientation, national origin or citizenship status, age, disability or veterans status in employment, education, and all other areas of the University. The University provides reasonable accommodations to qualified individuals with disabilities upon request.

Questions and complaints about discrimination in any area of the University should be directed to the Director of Equal Opportunity, Suzanne Estier, 318 Alumni Hall, 581-1226. Inquiries about discrimination may also be referred to the Maine Human Rights Commission, U.S. Equal Employment Opportunity Commission, Office for Civil Rights of the U.S. Department of Education, or other appropriate federal or state agencies.

What's Ahead

Opening of
Contemporary Art from
the Sepik River
JANUARY 15

Opening of
James Linehan: Paintings
1978-1993
JANUARY 15

Inauguration
JANUARY 21

Maine Perspective

University of Maine
Maine Perspective
Department of Public Affairs
Orono, Maine 04469

